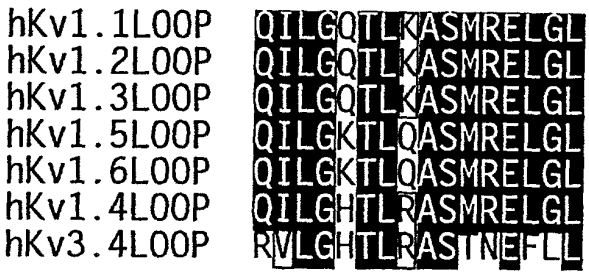
hKv1.1LOOP QILGQTLKASMRELGL
hKv1.2LOOP QILGQTLKASMRELGL
hKv1.3LOOP QILGQTLKASMRELGL
hKv1.5LOOP QILGKTLQASMRELGL
hKv1.6LOOP QILGKTLQASMRELGL
hKv1.4LOOP QILGHTLRASMRELGL
hKv3.4LOOP RVLGHTLRASTNEFLL

FIG. 1

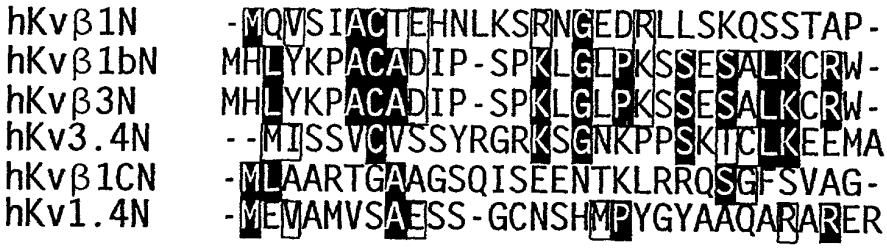
hKvβ1N -MQVSIACTEHNLKSRNGEDRLLSKQSSTAP-
hKvβ1bN MHLYKPACADIP-SPKLGLPKSSESALKCRW-
hKvβ3N MHLYKPACADIP-SPKLGLPKSSESALKCRW-
hKv3.4N --MISSVCVSSYRGRKSGNKPPSKTCLKEEMA
hKvβ1CN -MLAARTGAAGSQISEENTKLRRQSGFSVAG-
hKv1.4N -MEVAMVSAESS-GCNSHMPYGYAAQARARER

FIG.2

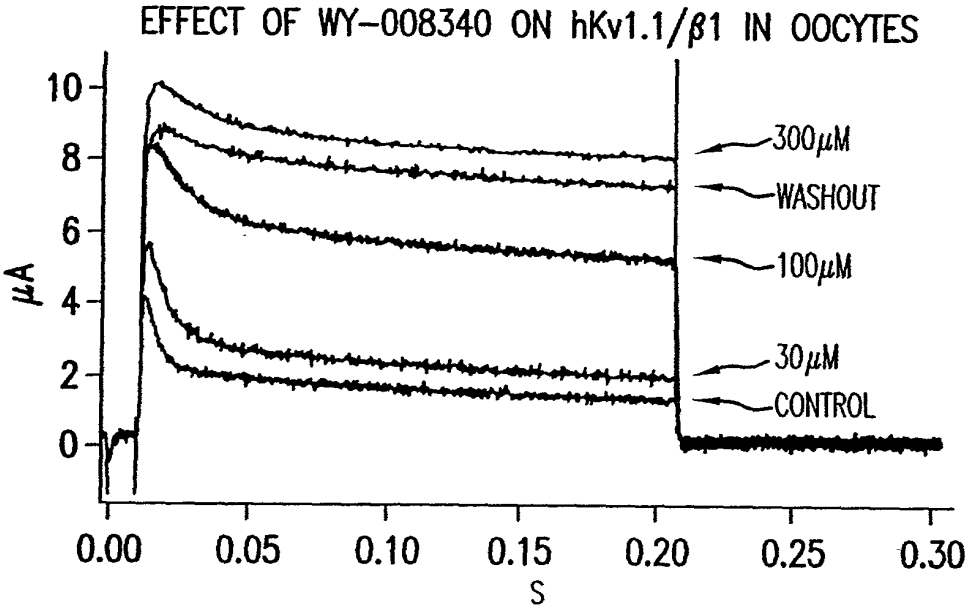

FIG. 3A

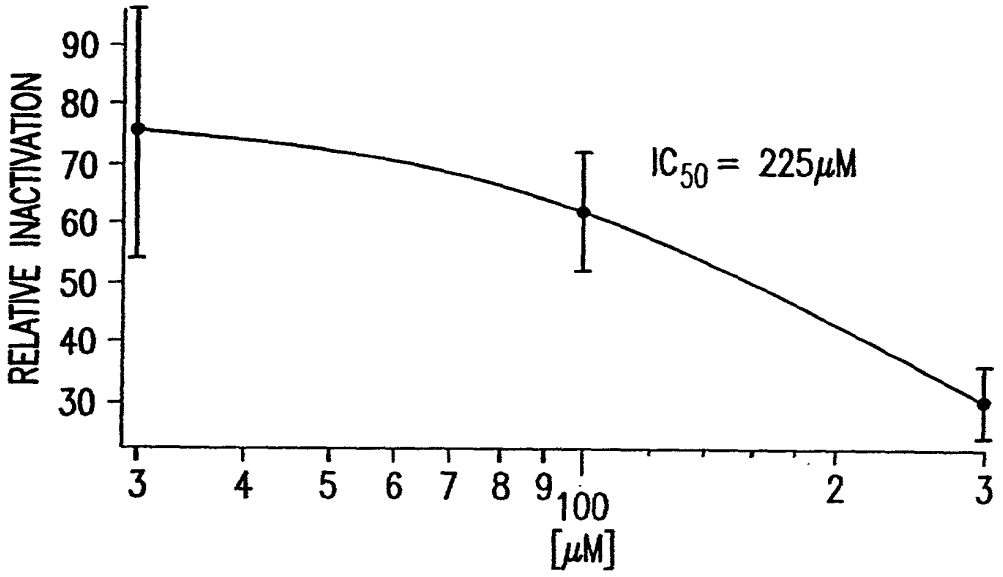

FIG. 3B

	REL. INACTIVATION		CURRENT AMPLITUDE	
	MEAN	SEM	MEAN	SEM
CONTROL	100.00	0.00	100.00	0.00
30μM	75.23	20.86	118.40	16.30
100μM	61.99	9.67	174.64	16.58
300μM	29.59	5.48	205.53	34.03
WASHOUT	24.90	6.73	188.27	31.18

n = 3,4

FIG. 3C

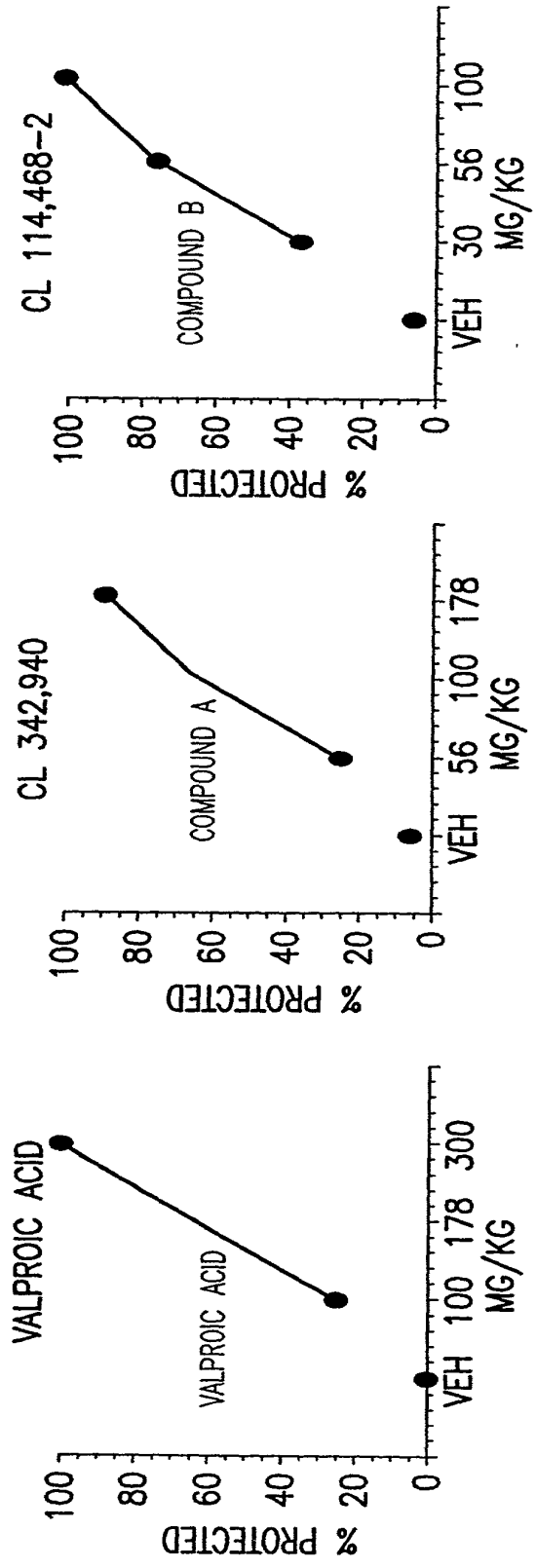

FIG. 4A

FIG. 4B

FIG. 4C